

MATP-609US

Appln. No.: 10/090,877
Amendment Dated July 21, 2004
Reply to Office Action of April 21, 2004

Remarks/Arguments:

Claims 1-20 are pending in the above-identified application.

Claims 1-2, 5, 8-10, 14-15 and 16-17 were rejected under 35 U.S.C. § 103(a) as being obvious in view of Kim and Shintani et al. This ground for rejection is respectfully traversed as to claims 1-2, 5, 8-10, 14-15 and overcome by amendment to claim 16 as to claims 16-17. In particular, neither Kim, Shintani, nor their combination discloses or suggests: "

A remote control system for an electronic device, comprising: a processor in the electronic device that generates information to be displayed as an on-screen display (OSD); a transmitter in the electronic device that transmits the generated information as an OSD information signal; and a remote control unit, comprising:

a receiver which receives the OSD information signal; a data processor which processes the OSD information signal to generate the OSD; and a display device operably linked to the data processor which displays the generated OSD,"

as required by claim 1, or

***A computer readable carrier including computer program instructions for a remote control unit for use with an electronic device, the electronic device generating on-screen display (OSD) information to be displayed as an OSD and transmitting the OSD information as an OSD information signal, the computer program instructions causing the remote control unit to perform a method comprising the steps of:**

receiving the OSD information signal generated by the electronic device; processing the received OSD information signal to generate the OSD; and displaying the generated OSD on a display device operably linked to the remote control unit,"

as required by claim 16.

Kim concerns a system which transmits electronic program guide (EPG) information received from an outside source (see paras. 0029 and 0030) to a remote control so that the remote control may display selected EPG information relevant to a particular viewer who is using the remote control (see para. 0033). Kim also discloses receiving broadcast program information from a TV or other source and transmitting that information to the remote control (see para. 0040). Kim does not disclose "a processor in the electronic device that generates information to be displayed as an on-screen display (OSD)," "a transmitter in the electronic device that transmits the generated information as an OSD information signal," and "a data

MATP-609US

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processor which processes the OSD information signal to generate **the OSD**," as required by claim 1, nor does it disclose an "electronic device [that generates] on-screen display (OSD) information to be displayed as an OSD," and the step of "processing the received OSD information signal to generate **the OSD**," as required by claim 16. The display provided by Kim at the remote control is a display that is generated in the remote control device, not one that is generated in the television receiver, transmitted to the remote control and then displayed on the remote control, as required by the subject invention. Both claims 1 and 16 require the television receiver to generate an OSD and require the remote control to display **the OSD**. Thus, the OSD displayed on the remote control must be the same OSD that is generated by the television receiver. The remote control disclosed by Kim does not generate an on-screen display that has been generated by the television receiver. Instead, the display is generated in the remote control by selecting from EPG data that was generated by an external source and merely passed through the television receiver to the remote control. (See para. 0046, 0089, 0090 and 0091).

Shintani concerns a remote control with a display that is in communication with a TV. Like Kim, Shintani also discloses sending EPG information for display on a remote control (see col. 4, lines 54-63). This information is not in the form of an on-screen display, as required by claims 1 and 16. Shintani also discloses sending a "prompt signal" to the remote control causing the remote control to display an indication of a "need for additional data." (See col. 4, lines 64-67 through col. 5, lines 1-7). This, however, does not meet the limitations of claims 1 and 16 because there is no indication that the prompt signal is in the form of an OSD that was generated by the television receiver, as required by claims 1 and 16 of the subject application. Shintani discloses only sending unformatted EPG information or a prompt signal to the remote control.

Accordingly, Shintani does not provide the material that is missing from Kim. Consequently, claims 1 and 16 are not subject to rejection under 35 U.S.C. § 103(a) in view of Kim and Shintani and claims 2, 5, 8 and 17, which depend from claims 1 and 16 are not subject to rejection under 35 U.S.C. § 103(a) for at least the same reasons as claims 1 and 16.

Claim 9 was rejected under 35 U.S.C. § 103(a) for similar reasons as to claim 1. For the same reasons stated above, claim 9 is not subject to rejection in view of Kim and Shintani. In particular, neither Kim, Shintani, nor their combination disclose or suggest:

MATP-609US

Appln. No.: 10/090,877
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A remote control method for use with an electronic device,
comprising the steps of:

generating, in the electronic device, on-screen display (OSD) information to be displayed as an OSD; transmitting the generated OSD information from the electronic device; receiving the OSD information at a remote control unit; processing the received OSD information to generate the OSD; and displaying the generated OSD on a display device operably linked to the remote control device,"

as required by claim 9.

As set forth above, neither Kim, Shintani nor their combination disclose or suggest displaying, on a remote control, an OSD that was generated by an electronic device. Consequently, claim 9 is not subject to rejection under 35 U.S.C. § 103(a) in view of Kim and Shintani. Therefore, claims 10 and 14-15, which depend from claim 9, are not subject to rejection under 35 U.S.C. § 103(a) for at least the same reasons as claim 9.

Claims 3-4, 11-12 and 18-19 are rejected under 35 U.S.C. § 103(a) as being obvious in view of Kim, Shintani and Horton. This ground for rejection is respectfully traversed as to claims 3-4 and 11-12 and overcome by amendment to claim 16 as to claims 18-19.

Kim and Shintani are described above. Horton concerns a system for storing static, and for compressing and storing dynamic OSD graphics (see col. 5, lines 31-44). Horton further describes a system for retrieving and decompressing the stored OSD graphics for display on a TV screen (see col. 5, lines 26-31). Horton does not disclose "a processor in the electronic device that generates information to be displayed as an on-screen display (OSD); a transmitter ... that transmits the generated information as an OSD information signal; and a remote control unit, comprising ... a data processor which processes the OSD information signal to generate the OSD," as required by claims 1 and 9, nor does it disclose a remote control that processes "the received OSD information signal to generate the OSD" as required by claim 16. Thus, Horton does not provide the material that is missing from Kim and Shintani. Claims 3-4, 11-12 and 18-19 depend from claims 1, 9 and 16 and are not subject to rejection under 35 U.S.C. § 103(a) in view of Kim, Shintani and Horton for at least the same reasons as claims 1, 9 and 16.

Claims 6-7, 13 and 20 are rejected under 35 U.S.C. § 103(a) as being obvious in view of Kim, Shintani and Dunaway. This ground for rejection is respectfully traversed as to claims 6-7 and 13 and overcome by amendment to claim 16 as to claim 20.

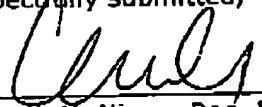
MATP-609US

Appln. No.: 10/090,877
Amendment Dated July 21, 2004
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Kim and Shintani are described above. Dunaway concerns a remote control with numerous user selectable keypads and with a graphic display for providing textual help (see col. 3, lines 11-24). Furthermore, Dunaway describes using the graphic display of a remote control to provide nested menus (see col. 4, lines 36-41). Dunaway does not disclose "a processor in the electronic device that generates information to be displayed as an on-screen display (OSD); a transmitter ... that transmits the generated information as an OSD information signal; and a remote control unit, comprising ... a data processor which processes the OSD information signal to generate **the OSD**," for the remote control to process and display as required by claims 1 and 9, nor does it disclose a remote control that processes "the received OSD information signal to generate **the OSD**" as required by claim 16. Claims 6-7, 13 and 20 depend from claims 1, 9 and 16. Accordingly, Dunaway does not provide the material that is missing from Kim and Shintani. Consequently, claims 6-7, 13 and 20, which depend from claims 1, 9 and 16, are not subject to rejection under 35 U.S.C. § 103(a) in view of Kim, Shintani and Dunaway for at least the same reasons as claims 1, 9 and 16.

In view of the foregoing remarks, Applicant requests that the Examiner reconsider and withdraw the rejection of claims 1-20.

Respectfully submitted,


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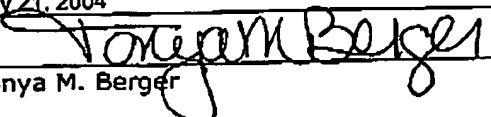
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Page 10 of 10